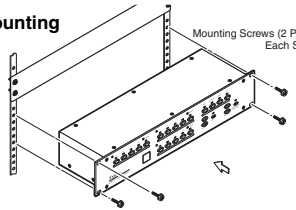
SWP123

Description

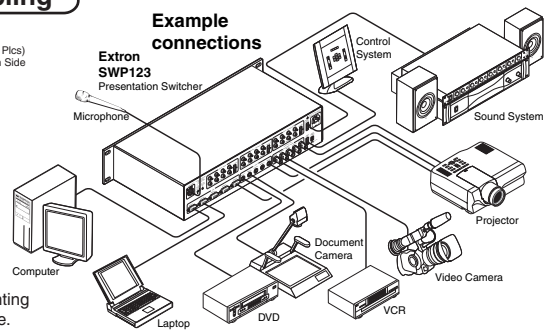
The Extron SWP123 is a presentation switcher featuring three independent A/V switchers and a master audio switcher in one enclosure. They include a 4 x 1 VGA/audio switcher, a 4 x 1 S-video/audio switcher, a 4 x 1 composite video/audio switcher, and a 3 x 1 master audio switcher with volume and mute controls. The SWP123 accepts microphone input and mixes the microphone signal with the main audio in "talk over" mode. The SWP123 also features an RS-232 control port. The SWP123 is a one box solution for small presentation systems.

Installation and Cabling

Mounting



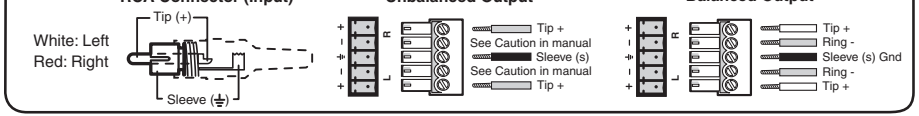
Example connections



1. Turn off power to the SWP123 and all other devices that will be connected.
2. If the SWP123 is to be rack mounted, position the brackets and insert the mounting screws. See the mounting diagram above.
3. Attach up to 12 VGA, S-video, or Video (composite) input devices (up to four of each type) to the SWP123.
4. Connect VGA, S-video, and Video (composite) outputs (one of each type) to projector's inputs.
5. For stereo audio input, connect up to 12 audio sources to audio inputs of the VGA, S-video, or Video (composite) groups (up to four for each group). Refer to *Audio Connections* for wiring diagrams.
6. For stereo audio output, connect an audio output device to each of the three groups and one audio amplifier to the Master Audio Output connectors. Refer to *Audio Connections* for wiring diagrams.
7. If the SWP123 is to be connected to a computer or host controller for remote control, connect the host's RS-232 cable to the 3.8 mm, 5-pole captive screw RS-232 connector of the SWP123. For an RS-232 pinout table, refer to chapter 5 of the SWP123 User's Manual.
8. Power up the input and output devices, then power up the SWP123.

Audio Connections

Connect devices for unbalanced audio input using RCA connectors. Connect devices for unbalanced or balanced audio output using 3.8 mm, 5-pole captive screw connectors. Use these diagrams when wiring connections for the switcher.



Front Panel Operations

Selecting an input in Separate switcher (three groups with four inputs each) mode (default mode) — Select the desired input in any (or all) of the three switcher groups (VGA, S-video, or Video) by pressing the associated input button. The inputs are routed to the output for each respective group. Observe that the LEDs (up to three), for the selected inputs, light.

Selecting an input in Single switcher (one switcher with 12 inputs) mode (**Note**: Single switcher mode can only be turned on/off via RS-232) — Select the desired input by pressing the associated input button. The selected input is routed to the output of its group, and to the program output (audio). The outputs of the other groups are muted (to enable auto input switching of the display). Observe that the LED (only one), for the selected input, lights.

Master Audio — In Single switcher mode, selected audio from any of the twelve inputs (indicated by a solid LED) is routed to the Program Audio output. To change to another input, press the desired input button once.

In Separate switcher mode, selected audio (indicated by a solid LED from Master Audio Select) from one of the three input groups is routed to the Master Audio output. To change to another input from the same group, press the input button. To change to another input from a different group, press the desired input button and Master Audio Select button.

Master Audio mute and volume — To change the volume, use the A/V Volume control button. To mute the Master Audio output, press the Mute button (LED will light to indicate Master Audio is muted).

Microphone Volume and Mix — To change the volume of the microphone output, use the Mic Level buttons. To mix the microphone input with the Master Audio output (talk-over), press the Microphone Talk Over button.

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